

In the Drawings

Figure 3c has been amended. Support for the amendment is at page 6 of the specification. No new matter has been added.

Figure 6 has been amended. Support for the amendment is at pages 9 and 10 of the specification. No new matter has been added.

Submitted herewith is a separate letter to the Draftsperson in connection with the proposed amended Figures.

In the Specification

Please replace the last paragraph starting on page 9 and extending to the top of page 10 with the following:

A1 One embodiment of a method of generating the optimal core is illustrated in **Figure 6**. At step 610, the core source code with at least one configurable interface parameter is provided. In one embodiment, for each interface configuration option, a parameter is defined, together with a range of allowable values. For example, for configuring the width the MData field of **Figure 4**, the parameter name MData_WIDTH is defined and the allowable values are 8,16,32 and 64. For signal-enabling the MBurst field, the parameter MBurst_ENABLE can be defined with the allowable values of 0 and 1, where the value 0 indicates that it is not present and the value of 1 indicates that it is.
